

II. CLAIM AMENDMENTS

1-13. (Previously Withdrawn)

14.. (Currently Amended) A contact for establishing an electrical connection between a first electronic device and a second electronic device, the contact comprising:

B/ a flexible conductive body formed in a first position and adapted to be set into a second, compressed position and activated into a third, expanded position in order to accommodate a variable gap between the first electronic device and the second electronic device for establishing the electrical connection.

15. (Currently Amended) A contact in accordance with Claim 14 wherein the contact, in the second position, may be in a compressed state, ~~a second position, and upon heat activation of~~ a shape memory material, the contact translates to ~~at the~~ third position, being the uncompressed state expanded position.

16. (Currently Amended) A contact in accordance with Claim ~~14~~15 for use in an interposer wherein the shape memory material is a nickel titanium alloy.

17. (Currently Amended) A contact in accordance with Claim ~~14~~15 wherein the shape memory material has a martinsitic transition temperature in the range between -20 to 100 degrees C.

18. (Currently Amended) A contact in accordance with Claim ~~14~~15 further comprising the shape memory material being superelastic.

19. (Original) A contact in accordance with Claim 14 wherein the electrical contact is selected from the contacts having a shape of an E, a C, a Random coil spring, and a helical spring.

20. (New) A contact for forming an electrical connector between a first electronic device and at least a second electronic device comprising:

a conductive body adapted to be formed in a first, uncompressed state, deformed into a second compressed state that is maintained until the body is activated to expand into a third state from the compressed state that accommodates a gap and establishes the electrical connection.

21. (New) The contact of claim 20 wherein the conductive body is heat activated and expands into the third state when the body is exposed to a predetermined amount of heat.

22. (New) A method of using a heat activated conductive contact to establish an electrical connection between conductive elements comprising:

accommodating the contact in a set and compressed state into a gap between a first electronic device and at least one second electronic device; and

activating the contact by exposing the contact to a predetermined amount of heat that causes the contact to expand, wherein the contact accommodates the gap and establishes the electrical connection.

23. (New) The method of claim 22 wherein the contact comprises a shape memory material.

24. (New) The method of claim 23 wherein the shape memory material comprises a superelastic material.

25. (New) The method of claim 22 wherein the contact comprises a nickel titanium alloy.
